

Patent Claims

1 Use of a polyolefinic, oriented multilayer film as support film in the production of a ceramic capacitor, characterized in that

- 5 • the multilayer film consists of a base layer and at least one top layer A, where the top layer A comprises a propylene polymer and at least one incompatible polyolefin, and in that the incompatible polyolefin is an LDPE, HDPE, MDPE, ethylene-propylene copolymer or a cycloolefin polymer or a syndiotactic polymer, and
- 10 • the surface of the top layer A has greater roughness than the opposite surface of the film, and
- the film is provided with a ceramic coating on the smoother surface of the film, and this coating is dried and subsequently separated from the support film
- 15 2. Use according to claim 1, characterized in that the top layer A does not contain any particulate antiblocking agent
- 3. Use according to claim 1 and/or 2, characterized in that the film has a second top layer C, and the surface of this top layer C forms the smoother film surface
- 20 4. Use according to one or more of claims 1 to 3, characterized in that the top layer C essentially consists of a propylene homopolymer and does not contain any antiblocking agent
- 5. Use according to one or more of claims 1 to 4, characterized in that the top layer A comprises the propylene polymer in an amount of from 70
- 25 to 99.5% by weight and the incompatible polyolefin in an amount of from 0.5 to 30% by weight
- 6. Use according to one or more of claims 1 to 5, characterized in that the film coated with a ceramic layer is provided with a metal layer on the surface of the ceramic layer

7 Ceramic capacitor produced by means of a use according to one or more of claims 1 to 5

8 Use of a polyolefinic, oriented multilayer film as support film in the production of photoresist layers, characterized in that

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- the multilayer film consists of a base layer and at least one top layer A, where the top layer A comprises a propylene polymer and at least one incompatible polyolefin, and in that the incompatible polyolefin is an LDPE, HDPE, MDPE, ethylene-propylene copolymer or a cycloolefin polymer or a syndiotactic polymer, and
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- the surface of the top layer A has greater roughness than the opposite surface of the film, and
 - the film, as separating film, is brought into contact with the photoresist layer with its smoother surface.